

US008019060B2

(12) United States Patent

Martino

(10) Patent No.: US

US 8,019,060 B2

(45) **Date of Patent:**

*Sep. 13, 2011

(54) TELEPHONE/TRANSACTION ENTRY DEVICE AND SYSTEM FOR ENTERING TRANSACTION DATA INTO DATABASES

(76) Inventor: Rocco L. Martino, Villanova, PA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35

U.S.C. 154(b) by 427 days.

This patent is subject to a terminal dis-

claimer.

(21) Appl. No.: 11/849,952

(22) Filed: **Sep. 4, 2007**

(65) **Prior Publication Data**

US 2007/0297597 A1 Dec. 27, 2007

Related U.S. Application Data

- (60) Continuation of application No. 11/734,722, filed on Apr. 12, 2007, which is a division of application No. 10/947,853, filed on Sep. 23, 2004, which is a continuation-in-part of application No. 09/589,814, filed on Jun. 7, 2000, now Pat. No. 6,973,477, which is a continuation-in-part of application No. 09/390,798, filed on Sep. 7, 1999, now Pat. No. 6,574,314, which is a continuation of application No. 08/909,408, filed on Aug. 11, 1997, now Pat. No. 5,987,103, which is a continuation of application No. 08/446,546, filed on May 19, 1995, now Pat. No. 5,805,676.
- (51) **Int. Cl. H04M 3/42** (2006.01)
- (58) **Field of Classification Search** 379/88.13–88.14, 379/88.17, 93.12–93.15, 93.17, 93.24–93.25; 709/201–203, 217, 219; 455/414.1–414.4; 715/221–226, 762

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

3,760,375 A	9/1973	Irwin et al.
4,549,047 A	10/1985	Brian et al.
4,591,662 A	5/1986	Legros et al.
4,813,013 A	3/1989	Dunn
4,937,439 A	6/1990	Wanninger et al.
4,991,199 A	2/1991	Parekh et al.
5,008,927 A	4/1991	Weiss et al.
5,047,960 A	9/1991	Sloan
5,189,632 A	2/1993	Paajanen et al.
5,195,130 A	3/1993	Weiss et al.
5,204,813 A	4/1993	Samph et al.
5,220,501 A	* 6/1993	Lawlor et al 705/40
5,221,838 A	6/1993	Gutman et al.
5,235,680 A	8/1993	Bijnagte
5,253,285 A	10/1993	Alheim
5,278,751 A	1/1994	Adiano et al.
5,365,577 A	11/1994	Davis et al.
5,396,417 A	3/1995	Burks et al.
5,410,646 A	* 4/1995	Tondevold et al 715/207
5,416,831 A	5/1995	Chewning, III et al.
(Continued)		

(Continued)

Primary Examiner — Simon Nguyen (74) Attorney, Agent, or Firm — Law Office of Scott C. Harris, Inc.

(57) ABSTRACT

Transaction data is entered by the user in response to prompts in a template. The template and entered data are accumulated into data transactions which are exploded and sent to an external database servers for processing and storage. Each database server may explode the data transaction to produce ancillary records which are then stored, and/or forwards the data transaction or some or all of the ancillary records to other database servers for updating other databases associated with those database servers. The database server(s) may also return data streams for use in completing the fields in the data transaction.

24 Claims, 12 Drawing Sheets

